



CT100 75 Ohm Foam Filled CAI COAX

Key Features

- High Frequency Low Loss
- CAI Approved COAX
- Foil and Braided screen

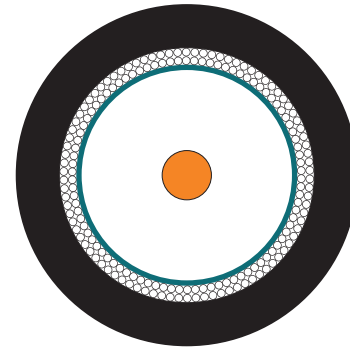


Coaxial and Specialist Cable

Part No: See Below

General Description:

CAI approved high frequency low loss cable for TV, CCTV and satellite. Both the foil and braided screen enhances the performance and reduces interference. Available in 250m drums only.



Relevant Test Standards:

UL1581 and UL444

Part Numbers

TRI-001196

CT100 75 Ohm Foam Filled CAI Approved Coax - 250m

Cable Construction:

Material Breakdown:

Conductor	Solid Bare Copper + 0.02mm	1.0mm
	Nom. O.D. (mm)	1*1.00 up +0.018 down -0.018
Insulation	Foam PE	Diameter: 4.70 + 0.15mm
	Thickness (+ 0.15mm)	1.85mm
Jacket	External O.D.	6.5mm (+/-0.30mm)
	Material	PVC (complies RoHS)
	Colour	Black
	Braid Material	Tinned Copper Copper
	Braid Coverage (+3%)	55%
Shield	AL/P – Foil	>=120%



Electrical Characteristics:

Max. Conductor DC Resistance @ 20°C (Ω/Km)	< 26.0
Max. Conductor DC Resistance @ 20°C (Ω/Km)	< 15.0
Min. Insulation DC Resistance @ 20°C (MΩ*Km)	100,000
Rated Temperature (°C)	-20 to +75
Jacket Sparker (VCA)	5000
Dielectric Strength (VCA)	1500
Impedance(Ω)	75 (± 3)
Capacitance(pF/m)	54.0 (+/-5(pF/m))
Velocity Ratio (%)	>82%

Technical Attributes

Frequency (MHz)	RL >dB	ATT (20°C) <dB	Screening Attenuation (>dB)
5	23	1.6	-
30	23	-	85
50	23	4.6	85
100	23	6.5	85
200	23	9.5	85
300	23	-	80
460	23	15.0	80
470	20	-	75
860	20	19.50	75
862	18	-	75
1000	18	21.50	65
1750	18	29.00	65
2150	18	32.50	65